

CLAIMS

1. Method for reducing emissions of one or more gaseous substances from an assembly of at least two pieces of wooden materials which have been glued together, comprising planing on at least one of the sides having glue lines exposed, followed by
5 treating the at least one planed sides with one or more treating substances reactive to the one or more gaseous substances.
2. Method according to claim 1, wherein at least one of the gaseous substances is emitted from an exposed glue line.
3. Method according to claim 1, wherein at least one of the gaseous
10 substances is emitted from a solid wood surface.
4. Method according to claim 1, wherein one gaseous substance is an aldehyde.
5. Method according to claim 4, wherein one gaseous substance is formaldehyde.
- 15 6. Method according to claim 4, wherein one treating substance is urea or a urea derivative.
7. Method according to claim 1, wherein one gaseous substance is an isocyanate.
8. Method according to claim 7, wherein one treating substance is a reaction
20 product of an alcohol and ammonia.
9. Method according to claim 1, wherein one gaseous substance is a terpene.
10. Method according to claim 9, wherein one treating substance is an unsaturated aldehyde or an alcohol.
11. Method according to claim 1, wherein the one or more treating substances
25 are components of a treating composition.
12. Method according to claim 11, wherein the treating composition comprises from about 1 to about 80 weight % of the one or more treating substances.
13. Method according to claim 11, wherein the treating composition comprises from about 0.02 to about 10 weight % of a polymer.
- 30 14. Method according to claim 11, wherein the treating composition comprises a polyvinylalcohol dispersion.
15. Method for producing a laminated wooden product comprising the steps of:
 - (a) - applying an adhesive system onto one or more wooden lamellas,
 - (b) - assembling two or more wooden lamellas into an assembly,
 - 35 (c) - pressing the assembly,
 - (d) - planing at least one of the sides of the assembly having glue lines exposed, and,

- (f) - treating the one or more planed sides by application of one or more treating substances reactive to one or more gaseous substances emitted from the at least one planed side.
16. Method according to claim 15, wherein one gaseous substance is an aldehyde.
17. Method according to claim 16, wherein one gaseous substance is formaldehyde.
18. Method according to claim 16, wherein one treating substance is urea or a urea derivative.
19. Method according to claim 15, wherein one gaseous substance is an isocyanate.
20. Method according to claim 19, wherein one treating substance is a reaction product of an alcohol and ammonia.
21. Method according to claim 15, wherein one gaseous substance is a terpene.
22. Method according to claim 21, wherein one treating substance is an unsaturated aldehyde or an alcohol.
23. Method according to claim 15, wherein the one or more treating substances are components of a treating composition.
24. Method according to claim 23, wherein the treating composition comprises from about 1 to about 80 weight % of the one or more treating substances.
25. Method according to claim 23, wherein the treating composition comprises from about 0.02 to about 10 weight % of a polymer.
26. Method according to claim 23, wherein the treating composition comprises a polyvinylalcohol dispersion.
27. Method according to claim 15, wherein the laminated wooden product is a laminated beam.
28. Laminated wooden product obtained by a method comprising the steps of:
- (a) - applying an adhesive system onto one or more wooden lamellas,
 - (b) - assembling two or more wooden lamellas into an assembly,
 - (c) - pressing the assembly,
 - (d) - planing at least one of the sides of the assembly having glue lines exposed, and,
 - (f) - treating the one or more planed sides by application of one or more treating substances reactive to one or more gaseous substances emitted from the at least one planed side.
29. Laminated wooden product comprising at least two lamellae, which have been joined with an adhesive system based on a formaldehyde based resin, having a

formaldehyde emission, according to JAS, standard for structural glued timber MAFF, Supplement No 992, of less than about 0.5 mg/l.

30. Laminated wooden product according to any one of the claims 29 or 30 which is a laminated beam.